



POLLUTION PREVENTION & THE BOTTOM LINE

MARCH 1997

WORDS & WISDOM FROM THE NEW ENGLAND ENVIRONMENTAL ASSISTANCE TEAM

BE A STAR—AN ENERGY STAR!

Whether you run a city, town, or business you know cost-cutting is a necessity. But when it comes to the environment, your necessity is also a virtue. When you reduce energy usage, you save money, produce less pollution, and help protect the environment. EPA can help you make the most of this green option.

For five years, EPA, through its Green Lights and ENERGY STAR programs, has been helping businesses save an average of 30-50% on energy costs with energy-efficient products and technologies. Look around. You're surrounded by opportunities to save money easily.

Here's how you can save money and help the environment. Become an ENERGY STAR. Consider:

Energy efficient lighting. By replacing older, less-efficient lighting with the energy-efficient type, you can significantly reduce your lighting electricity

bills while earning an average payback in two to three years, enabling you to save, on average, 48% on your lighting bills. Energy-efficient lighting produces less heat than non-efficient lighting. A lighting improvement often lowers your air conditioning bill as well. Join EPA's Green Lights program, which now has 2,300 participants nationally who are saving about \$270 million a year.

Office equipment. Look for office equipment with the ENERGY STAR label. Computers, copiers, printers, and fax machines with this label consume less energy with no loss in performance. ENERGY STAR office equipment powers down when not in use, but it immediately powers back up when you need it.

HVAC equipment. If you need to replace heating, ventilation, or air conditioning equipment, EPA can recommend energy-efficient models that can save you money without a sacrifice in quality. We can also help you determine if the

equipment you're using is the right size for your space.

How does saving money help you prevent pollution? Every time you turn on a light switch or a computer monitor, a power plant consumes fuel to produce electricity. Air pollutants such as carbon dioxide and sulfur dioxide are generated when a power plant burns fossil fuels. The Green Lights and ENERGY STAR programs encourage the replacement of less efficient technologies with energy-efficient equipment. Participants in these programs are, on a yearly basis, preventing the release of over 5.1 billion pounds of the greenhouse gas carbon dioxide, which is equivalent to the emissions from 356,000 cars.

To find out more or to sign on to Green Lights and ENERGY STAR, call toll-free 1.888.STAR.YES or visit www.epa.gov/energystar.html or www.epa.gov/globalwarming/home.htm on the Web.

ENVIRONMENTAL RESULTS PROGRAM ADVANCES

EPA is reviewing an XL proposal for Massachusetts' Environmental Results Program (ERP), from the Massachusetts Department of Environmental Protection (MA-DEP). The goal of ERP is to eliminate state-issued permits for specific industries and processes, and replace them with detailed self-certifications. Under federal law, EPA must approve changes to certain state environmental regulations or programs. While ERP eliminates only state-issued permits, certain federal requirements under the Clean Air Act, the Resource Conservation Act, and other statutes are affected. XL promotes regulatory flexibility in exchange for greater environmental benefits. As a condition to being accepted into XL, the MA-DEP has agreed to incorporate pollution prevention, among other conditions, into both the development of new regulations as well as providing extensive compliance and technical assistance for industries in ERP.

The MA-DEP proposed the first regulations under ERP in mid-January for dry cleaners and photo processors. The state is now preparing a detailed workbook for these industries that emphasizes opportunities for pollution prevention. Printers, small combustion sources, and sources discharging into publicly owned wastewater treatment plants will be part of ERP in the near future. For more information call Tom D'Avanzo, EPA-New England at 617.565.3277.

MARK YOUR CALENDAR

MARCH 19

How to Comply with NPDES Metal Limits

8:30 a.m. to 4:00 p.m.

Howard Johnson's Hotel
South Portland, ME

For municipal and industrial water pollution control staff, industrial pretreatment coordinators, industrial contributors to municipal treatment plants, and wastewater consultants. How can municipalities comply with metal limits in their NPDES permits? Topics include: when to use clean technologies & how to apply them; how waivers work. Registration fee - \$65. Contact the New England Interstate Water Pollution Control Commission & Environmental Training Center (NEIETC) at 207.767.2539.

APRIL 1

Buy Recycled Workshop

8:30 a.m. to 3:30 p.m.

Holiday Inn
Manchester, NH

For government and private purchasing agents, and recycling coordinators. Learn how to implement a recycled product purchasing program. Registration fee - \$35. Contact Joe DeCola, EPA-New England, at 617.565.3276 or Richard Cochan, U.S. Conference of Mayors, at 202.822.9058.

APRIL 2

Buy Recycled Workshop

8:30 a.m. to 3:30 p.m.

Sheraton Hotel
Hartford, CT

See April 1 for description.

APRIL 3

Integrated Chiller Retrofits Make Cool Sense

8:30 a.m. to 12:30 p.m.

Federal Reserve Bank
Boston, MA

For facility owners and managers who make decisions regarding energy

costs/efficiency and the phaseout of CFCs. Contact Jo-Ann Vizziello, EPA-New England, at 617.565.3261.

APRIL 9

How to Comply with NPDES Metal Limits

8:30 a.m. to 4:00 p.m.

Merrimack Hotel
Merrimack, NH

See March 19 for description.

APRIL 15

Chrome Electroplating Workshop

8:30 a.m. to 3:30 p.m.

Ramada Plaza Hotel
Meriden, CT

For decorative or hard chrome electroplaters. Find out about complying with maximum achievable control technology (MACT) requirements. This federal standard requires monitoring, recordkeeping, notification, and stack testing. Also covered will be Connecticut-specific standards for air pollutants. Registration fee - \$25.00. Contact Linda Darveau, EPA-NE, at 617.565.4993.

APRIL 23

Effective Communication & Conflict Resolution

8:30 a.m. to 3:00 p.m.

Metropolitan District Commission
Hartford, CT

For wastewater and water treatment plant managers and employees. Learn communication and conflict management techniques that will make you more effective, more productive, and improve working relationships. Registration fee - \$75. Contact the NEIETC at 207.767.2539.

APRIL 24

Stormwater Technology Trade Show

8:00 a.m. to 3:30 p.m.

Sheraton Inn
Plymouth, MA

For engineers, local planners, designers, and decision makers. Get the latest

information on innovative technologies in stormwater treatment. Registration fee - \$20. Contact Jo-Ann Vizziello, EPA-New England, at 617.565.3261.

JUNE 4

Sewer Use Ordinance Review

9:00 a.m. to 3:00 p.m.

NH DES Training Center
Franklin, NH

For municipal officials and wastewater treatment plant personnel. Learn how to incorporate language or change your sewer use ordinance to make sure that you are doing all you can to protect worker health and safety, and the operation of the treatment plant. This course is particularly useful to communities without an EPA-approved pretreatment program. Registration fee - \$30. Contact the NH DES Wastewater Operations Section at 603.271.2586.

JUNE 11

Financial Management

9:00 a.m. to 3:00 p.m.

MA DEP Training Center
Millbury, MA

For municipal and industrial water pollution control staff responsible for monitoring costs and resources. This course will simplify the principles and practices for planning and implementing a budget, and include information on operating and capital budgets, sources of revenue, payback for capital projects, and user rates. Registration fee - \$30. Contact Mike Ackerman at 508.756.9253 at MA DEP.

Correction to the December 1996 issue of P2 & the Bottom Line: The Internet address for Printers' National Compliance Assistance Center is:
www.inhs.uiuc.edu/pneac/pneac.html or
denr1.igis.uiuc.edu.pneac.html

ALL ABOUT NEEAT

Since 1995, the 13-member New England Environmental Assistance Team has been providing municipalities and the printing, metal finishing, and computer & electronics industries with information on regulatory requirements and pollution prevention. The NEEATeam will continue to work with municipalities and these industries this year. In addition, the Team is now working with technical, trade & vocational schools, and the wood products coatings and auto repair & refinishing industries. In all NEEATeam offerings, we attempt to assess and deliver what the customer wants and coordinate our activities with other government agencies and trade associations. Here's a sampling of what the Team has planned for '97.

Auto Repair & Refinishing: Plain-language fact sheets, examples: refrigerant recharge/retrofit requirements, underground injection control. Auto body compliance handbooks. Compliance and pollution prevention workshops. A technology fair.

Computer & Electronics:

Printed Wire Board Manufacturers: Compliance manual for state regulations affecting printed wire board manufacturers. This manual will supplement the existing Design for the Environment manual of federal regulations.

Metal Finishing: RCRA slide show that will illustrate compliance problems with the Resource Conservation & Recovery Act (RCRA) and offer practical solutions to compliance problems and pollution prevention tips. Workshops on how to use several new compliance tools available to metal finishers, including a compliance manual and Internet sites. Update and expand EPA's Finance Guide and put it on the Internet.

SOLVENT GUIDE FOR METAL CLEANERS

"Aqueous and Semi-Aqueous Solvent Chemicals: Environmentally Preferable Choices" is a new guide from EPA's Office of Pollution Prevention and Toxics developed to help companies make responsible environmental choices for chemicals used in metal cleaning. The guide includes a wall chart that rates chemicals by toxicity and persistence in the environment. Toxicity ratings indicate potential harm to aquatic organisms, such as fish and algae. Persistence ratings indicates how long chemicals remain in water before degrading into stable compounds and becoming less likely to pose environmental problems.

To order the guide, call the EPA TSCA hotline at 202.554.1404.

Municipalities (Wastewater and Water Treatment Facilities): Municipal pretreatment conferences. Dairy conference to promote conservation and source reduction in dairy and dairy-related industries. Training seminars to enhance understanding and operation of municipal treatment facilities.

Printing (Fit to Print projects): A compliance and pollution prevention manual for lithographers; series of state-specific companion booklets. Fact sheets for screen printers. A technology open house on screen reclamation techniques. The evaluation of the Printwise Printing System, a near-zero VOC ink/press wash. Pollution prevention and compliance workshops. Outreach to printing trade schools.

Technical, Trade & Vocational Schools: Informational forums. Workshops on environmental compliance issues. Incorporation of pollution prevention into curriculum.

Wood Products Coatings: Pollution prevention fact sheets. Workshops to promote the use of less volatile solvents and more efficient manufacturing equipment.

Toll-Free Assistance Line: A "one-stop shopping" information source for the regulated community to answer questions about complying with EPA requirements and practicing pollution prevention. The service is free and confidential. Call 1.800.90NEEAT.

Recognition Program: The Partners for Change program recognizes and rewards municipalities and businesses who undertake projects that reduce pollution and waste.

For a list of NEEATeam contacts please refer to back page.

Meet your Partner.

Get your free copy of the EPA
Environmental Pocketbook.
Improve your bottom line and
the environment.
Call **1-800-906-3328**
for your copy today.

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